

NOTICE OF DRAFTSPERSON'S
PATENT DRAWING REVIEWThe drawing(s) filed (insert date 08/10/01) are:A. ☒ approved by the Draftsperson under 37 CFR 1.84 or 1.152.B. ☐ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a). Acceptable categories of drawings:
 Black ink. Color _____
 _____ Color drawings are not acceptable until permission is granted.
 Fig(s) _____
 _____ Pencil and non-black ink not permitted. Fig(s) _____
2. PHOTOGRAPHS. 37 CFR 1.84(b).
 _____ 1 full-size set is required. Fig(s) _____
 _____ Photographs may not be mounted. 37 CFR 1.84(c).
 _____ Poor quality (faded, etc.). Fig(s) _____
3. TYPE OF PAPER. 37 CFR 1.84(c).
 _____ Paper not flexible, strong, white, and durable.
 Fig(s) _____
 _____ Glosses, alterations, overexposures, underexposures,
 folds, copy machine marks not accepted. Fig(s) _____
 _____ Major vertical paper is not acceptable (too thin).
 Fig(s) _____
4. SIZE OF PAPER. 37 CFR 1.84(f). Acceptable sizes:
 _____ 21.0 cm by 29.7 cm (DIN size A1)
 _____ 21.6 cm by 27.9 cm (A2 size 11 inches)
 _____ All drawing sheets not the same size.
 Sheet(s) _____
 _____ Drawings sheets not an acceptable size. Fig(s) _____
5. MARGINS. 37 CFR 1.84(g). Acceptable margins:
 Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
 SIZE: A4 50x
 Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
 SIZE: 8 1/2 x 11
 Margins not acceptable. Fig(s) _____
 _____ Top (1) _____ Left (1)
 _____ Right (1) _____ Bottom (1)
6. VIEWS. 37 CFR 1.84(h).
 _____ REMINDER: Specification may require revision to
 correspond to drawing changes.
 Partial views. 37 CFR 1.84(h)(2).
 _____ Brackets needed to show figure as one entity.
 Fig(s) _____
 _____ Views not labeled separately or properly.
 Fig(s) _____
 _____ Full-sized view not labeled separately or properly.
 Fig(s) _____
7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3).
 _____ Hatching not indicated for sectional portions of an object.
 Fig(s) _____
 _____ Sectional designation should be noted with Arabic or
 Roman numbers. Fig(s) _____
8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i).
 _____ Words do not appear on a horizontal, left-to-right fashion
 when page is either upright or turned so that the top
 becomes the right side, except for graphs. Fig(s) _____
9. SCALE. 37 CFR 1.84(j).
 _____ Scale not large enough to show mechanism without
 crowding when drawing is reduced in size to two-thirds in
 reproduction.
 Fig(s) _____
10. CHARACTER OF LINES, NUMBERS, & LETTERS.
 37 CFR 1.84(k).
 _____ Lines, numbers, & letters not uniformly thick and well
 defined, clean, durable, and black (post line quality).
 Fig(s) _____
11. SHADING. 37 CFR 1.84(m).
 _____ Solid black areas pale. Fig(s) _____
 _____ Solid black shading not permitted. Fig(s) _____
 _____ Shaded lines, pale, rough and blurred. Fig(s) _____
12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.
 37 CFR 1.84(p).
 _____ Numbers and reference characters not plain and legible.
 Fig(s) _____
 _____ Figure legends are poor. Fig(s) _____
 _____ Numbers and reference characters not oriented in the
 same direction as the view. 37 CFR 1.84(p)(1).
 Fig(s) _____
 _____ English alphabet not used. 37 CFR 1.84(p)(2).
 Fig(s) _____
 _____ Numbers, letters and reference characters must be at least
 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3).
 Fig(s) _____
13. LEAD LINES. 37 CFR 1.84(q).
 _____ Lead lines cross each other. Fig(s) _____
 _____ Lead lines missing. Fig(s) _____
14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t).
 _____ Sheets not numbered consecutively, and in Arabic, numerals
 beginning with number 1. Sheet(s) _____
15. NUMBERING OF VIEWS. 37 CFR 1.84(u).
 _____ Views not numbered consecutively, and in Arabic, numerals,
 beginning with number 1. Fig(s) _____
16. CORRECTIONS. 37 CFR 1.84(v).
 _____ Corrections not made from prior PTO/428
 dated _____
17. DESIGN DRAWINGS. 37 CFR 1.152.
 _____ Surface shading shown not appropriate. Fig(s) _____
 _____ Solid black shading not used for color contrast.
 Fig(s) _____

COMMENTS

REVIEWER Draftsman: Son Lam
(703)308-0366DATE 04/09/02 TELEPHONE NO. _____

ATTACHMENT TO PAPER NO. _____

REMINDER

Drawing changes may also require changes in the specification, e.g., if Fig. 1 is changed to Fig. 1A, Fig. 1B, Fig. 1C, etc., the specification, at the Brief Description of the Drawing, must likewise be changed. Please make such changes by 37 CFR 1.312 Amendment at the time of submitting drawings.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Drawings - 37 CFR 1.85

File new drawings with the changes incorporated therein. Identifying indicia, if provided, should include the title of the invention, inventor's name, and application number, or docket number (if any) if an application number has not been assigned to the application. If this information is provided, it must be placed on the front of each sheet and centered within the top margin. The drawing should be filed as a separate paper with a transmittal letter addressed to the Drawing-Review Branch.

2. Timing for Corrections

Applicant is required to submit **acceptable** corrected drawings within the three-month shortened statutory period set in the Notice of Allowability (PTOL-37).

Failure to take corrective action within set period will result in **ABANDONMENT** of the Application.

3. Corrections other than Defects Noted by the Drawing Review Branch on the Form PTO-948

All changes to the drawings, other than defects noted by the Drawing Review Branch, **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted other than correction of defects, unless the examiner has approved the proposed changes.